Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 16 Jan 2021 until 23:59 on Sunday 17 Jan 2021

Forecast Issued on Friday 15 Jan 2021 at 12:40

Confidence: High for the band of snow and rain crossing from the west Saturday morning, becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and summit snow from Monday.

Headline for Saturday 16 Jan 2021: Periods of snow and rain clearing to showers during the morning with freezing levels rising.

Mountain weather hazards on Saturday 16 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Sleet	Heavy rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	90%	>95%	70%	60%	30%	10%	10%

Forecast for Saturday 16 Jan 2021

Weather: Overcast overnight with periods of snow and rain. Snow initially to all levels rising to around 300m come dawn, then 600m by mid-morning. Rain and summit snow gradually clearing from the west late morning and early afternoon, with snow level past all peaks from mid-day. Showers frequent at first becoming isolated by late afternoon, with few remaining for the evening.

Chance of cloud free mountain/hill tops above 600m: 30% at first with bases broken to extensive from 450-650m, becoming 80% from late afternoon as bases lift and break.

Visibility: Handful of kilometres or less in early periods of rain and snow, also sporadically in later showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 16 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/29 S	25/36 S	27/41 S	21/31 S	17/27 SW	21/34 W	23/35 W	21/32 W	21/32 W
300	11/25 S	14/29 S	16/34 S	7/20 S	9/24 W	14/32 W	16/35 W	14/31 W	15/31 W
Valley	10/22 SE	14/32 SE	14/34 SE	11/27 S	10/24 W	11/25 W	10/25 W	9/24 W	11/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-1/-9	-0/-8	-0/-7	2/-4	2/-4	1/-6	1/-6	0/-7
300	-1/-6	-0/-6	1/-5	1/-2	3/-0	4/-1	3/-2	3/-2	2/-3
Valley	1/-4	2/-3	3/-2	4/0	6/3	6/3	5/2	4/2	4/0
Freezing Level*	100m	300m	400m	700m	1100m	1100m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Worst of the conditions expected early morning when hill fog will be extensive in driving snow and rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 15 Jan 2021	3mm	19mm	23.4mm

Forecast for Sunday 17 Jan 2021

Weather: Sunshine and showers, these quite isolated by day, then heavier and more frequent during the evening. Snow level occasionally lowering to highest summits.

Maximum wind: West 20-25mph at first with gusts reaching 35mph. Winds gradually easing from mid-day.

Chance of cloud free mountain/hill tops above 600m: 90% with bases lowering across the summits as showers pass through.

Visibility: Good or very good, becoming a moderate or poor in showers.

Temperature: **Valleys:** Minus 1 Celsius increasing 7 Celsius for the afternoon
At 600m: Zero to plus 1 Celsius
Freezing level: 600-700m

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